JIAXU LIU

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SHORT BIO

I'm a senior year undergraduate student at Australian National University(ANU) pursuing for bachelor degree on Advanced Computing(honour), prior to join the 2+2 bachelor program of ANU, I was studying computer science at Shandong University in China.

My current research is under the supervision of Professor Tom Gedeon at ANU on the topic of variational auto-encoder, I'm also doing some summarizing works on with respective to Bayesian network which is currently under review by my thesis co-supervisor. I have a 6.00/7.00 GPA and familiar with basic math tools e.g. variational inferences, probabilistic models, linear algebra, convex optimisation(learning this semester), etc.

EDUCATION

Australian National University *July 2019 - Present*
Bachelor of Advanced Computing(Honours)
ANU College of Engineering and Computer Science
GPA: 6.0/7.0(ANU), 4.0/4.0(WES)

Shandong University *2017 - 2019*
Bachelor of Computer Science
School of Mechanical, Electrical & Information Engineering
Listed in "Double First-Class" universities. Project 985 & 211

EXPERIENCE

Academic Tutor *July 2020 - Present*
Australian National University

Casual Academic Staff, TA for course COMP3600/6466 (Algorithms). Responsibilities include:

- Hold tutorials, cooperating with other tutors
- Mark assignment, quizzes and examinations
- Receive feedback from students, help improve teaching quality

Software Development Internship *Jan 2019 - Feb 2019*
IIFOX Shanghai

Responsibilities include:

- Cooperate with colleagues in development department
- Maintaining call centre system and develop new functions based on ASP.NET framework
- Deploying system in various environment

Associative Leader of Student Union *Jun 2018 - Jun 2019*
Shandong University, School of Mechanical, Electrical & Information Engineering

ICPC School Team Member *Jan 2018 - Jun 2019*
Shandong University, ICPC School Team

AWARD & ACCOMPLISHMENTS

Paper on the topic of Facial Emotion Classification has been nominated for submission to the ICONIP international conference
June 2020
Mentor: Josephine Plested & Wenbo Ge

The 10th Shandong technology festival —— The 9th Shandong Collegiate ACM Programming Contest, The Excellence Award
May 2018
Organizer: Shandong Computer Federation

The 9th Lanqiao Programming Contest, Shandong Provence, C/C++ Programming Pollegiate A Group, The Province Second Award
Apr 2018
Organizer: Talent exchange center of Ministry of industry and information technology

CCCC Group Programming Ladder Tournamen, National Finals, The Second Award
Mar 2018
Organizer: Zhejiang University

Shandong University (weihai) ACM Programming Contest 2018 "New Stars", The Silver Award
Mar 2018
Organizer: Shandong University

TECHNICAL STRENGTHS

Programming & Skills(Proficient)	C++, C , Python, Data Structure, Algorithm, Pytorch
Programming & Skills(Familiar)	Ada, HTML/PHP, C#, Java
Selected Course Accomplishment	Convex Optimisation, Advanced Algorithm, Computer Vision, Bio-inspired Computing, Probabilistic Graphical Models